

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S50	39659	(wdm or dwdm or (wavelength adj2 multiplex\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:31
S21	38267	(wdm or dwdm or (wavelength adj2 multiplex\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:31
S53	3157	S50 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:32
S39	775	ghz same (gbps or gbits)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:32
S55	112	S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:33
S58	35	S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:35
S57	1117	S50 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:35
S56	9967	(phase adj modulator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:35
S52	37751	(phase adj modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:35
S7	5482	(channel adj spacing\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:38
S59	76546	((wavelength\$1 or frequency or frequencies or channel\$1) near2 spac\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:47

## EAST Search History

S61	15	S54 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:55
S60	342	S57 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:55
S63	105	S53 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:57
S62	952	(ghz) same (gbps or gbits or bps)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:57
S54	1565	(\$4hz) same (gbps or gbits)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/04 16:57

## EAST Search History

S67	136	JP-2006129332-\$.did. JP-2006106740-\$.did. JP-2006101491-\$.did. JP-2006081014-\$.did. JP-2006067588-\$.did. JP-2006054929-\$.did. JP-2006050640-\$.did. JP-2006033848-\$.did. JP-2006020308-\$.did. JP-2005295559-\$.did. JP-2005294944-\$.did. JP-2005286614-\$.did. JP-2005286485-\$.did. JP-2005260911-\$.did. JP-2005260696-\$.did. JP-2005252805-\$.did. JP-2005234394-\$.did. JP-2005229549-\$.did. JP-2005223369-\$.did. JP-2005210537-\$.did. JP-2005151565-\$.did. JP-2005151151-\$.did. JP-2005143037-\$.did. JP-2005142908-\$.did. JP-2005136994-\$.did. JP-2005110266-\$.did. JP-2005110256-\$.did. JP-2005094287-\$.did. JP-2005080304-\$.did. JP-2005079826-\$.did. JP-2005051779-\$.did. JP-2005051774-\$.did. JP-2005051494-\$.did. JP-2005045789-\$.did. JP-2005039493-\$.did. JP-2005020447-\$.did. JP-2005012448-\$.did. JP-2004356996-\$.did. JP-2004350184-\$.did. JP-2004343766-\$.did. JP-2004336575-\$.did. JP-2004312550-\$.did. JP-2004282693-\$.did. JP-2004282290-\$.did. JP-2004254242-\$.did. JP-2004153835-\$.did. JP-2004147238-\$.did. JP-2004135139-\$.did. JP-2004088159-\$.did. JP-2004056294-\$.did. JP-2004046118-\$.did. JP-2004045077-\$.did. JP-2004045058-\$.did. JP-2004040668-\$.did. JP-2004037805-\$.did. JP-2005533437-\$.did. JP-2004015459-\$.did. JP-2004007577-\$.did.	DERWENT	OR	OFF	2006/06/21 07:37
6/22/06 8:03:42 AM	C:\Documents and Settings\My Documents\	EAST\Workspaces\09853318.wsp				Page 3

## EAST Search History

S66	137	JP-2000286825-\$.did. JP-2000236302-\$.did. JP-2000228649-\$.did. JP-2000201106-\$.did. JP-2000258812-\$.did. JP-2000183824-\$.did. JP-2000183823-\$.did. JP-2000165357-\$.did. JP-2000151698-\$.did. JP-2000151508-\$.did. JP-2003527764-\$.did. JP-2000124876-\$.did. JP-2000124859-\$.did. JP-2000115076-\$.did. JP-2000101181-\$.did. JP-2000075333-\$.did. JP-2000068940-\$.did. JP-2000059339-\$.did. JP-2000047274-\$.did. JP-2000032015-\$.did. JP-2000029082-\$.did. JP-2000023246-\$.did. JP-2000010138-\$.did. JP-2000009951-\$.did. JP-11355215-\$.did. JP-11346022-\$.did. JP-11340915-\$.did. JP-11331224-\$.did. JP-11317707-\$.did. JP-11317706-\$.did. JP-11275010-\$.did. JP-11266205-\$.did. JP-11264765-\$.did. JP-11261134-\$.did. JP-11252013-\$.did. JP-11243255-\$.did. JP-11231258-\$.did. JP-11225109-\$.did. JP-11195844-\$.did. JP-11195843-\$.did. JP-11191755-\$.did. JP-2002508534-\$.did. JP-11149064-\$.did. JP-11127113-\$.did. JP-11122223-\$.did. JP-11109428-\$.did. JP-11084439-\$.did. JP-11084324-\$.did. JP-11074839-\$.did. JP-11074837-\$.did. JP-11072761-\$.did. JP-11068704-\$.did. JP-2001512861-\$.did. JP-11017620-\$.did. JP-11017614-\$.did. JP-10313293-\$.did. JP-10313276-\$.did. JP-10285144-\$.did.	DERWENT	OR	OFF	2006/06/21 07:37
6/22/06 8:03:42 AM	C:\Documents and Settings\j...My Documents\EAST\Workspaces\09853318.wsp				Page 4	

## EAST Search History

S65	93	JP-07212347-\$.did. JP-07170232-\$.did. JP-07106677-\$.did. JP-07098464-\$.did. JP-07086670-\$.did. JP-07074707-\$.did. JP-09502323-\$.did. JP-09502322-\$.did. JP-09502321-\$.did. JP-09502320-\$.did. JP-09501551-\$.did. JP-07046224-\$.did. JP-07038502-\$.did. JP-07030486-\$.did. JP-07015384-\$.did. JP-06085547-\$.did. JP-06303195-\$.did. JP-06291733-\$.did. JP-06268592-\$.did. JP-06268591-\$.did. JP-06232844-\$.did. JP-06224882-\$.did. JP-06224881-\$.did. JP-06194697-\$.did. JP-06188515-\$.did. JP-06152540-\$.did. JP-06120906-\$.did. JP-06097915-\$.did. JP-06082853-\$.did. JP-07505036-\$.did. JP-06069885-\$.did. JP-06061974-\$.did. JP-06053934-\$.did. JP-06046034-\$.did. JP-05347586-\$.did. JP-05323247-\$.did. JP-05289125-\$.did. JP-05259543-\$.did. JP-05218550-\$.did. JP-05218549-\$.did. JP-05206987-\$.did. JP-06504420-\$.did. JP-05130653-\$.did. JP-05130073-\$.did. JP-05122261-\$.did. JP-05110517-\$.did. JP-05110513-\$.did. JP-05095153-\$.did. JP-05091052-\$.did. JP-05075540-\$.did. JP-05063659-\$.did. JP-05063649-\$.did. JP-05063646-\$.did. JP-05063642-\$.did. JP-05056464-\$.did. JP-05048534-\$.did. JP-05041729-\$.did. JP-05014764-\$.did.	DERWENT	OR	OFF	2006/06/21 07:37
6/22/06 8:03:42 AM	C:\Documents and Settings\jeff\My Documents\	EAST\Workspaces\09853318.wsp				Page 5

## EAST Search History

S64	94	JP-03144614-\$.did. JP-03124135-\$.did. JP-03103837-\$.did. JP-03096930-\$.did. JP-03089220-\$.did. JP-03085834-\$.did. JP-03084525-\$.did. JP-03078335-\$.did. JP-03075615-\$.did. JP-03059548-\$.did. JP-03024829-\$.did. JP-03021936-\$.did. JP-02308629-\$.did. JP-02308628-\$.did. JP-02299330-\$.did. JP-02246292-\$.did. JP-02246291-\$.did. JP-02243032-\$.did. JP-02241133-\$.did. JP-02237329-\$.did. JP-02236533-\$.did. JP-02235450-\$.did. JP-02234525-\$.did. JP-02199988-\$.did. JP-02173900-\$.did. JP-02158237-\$.did. JP-02140028-\$.did. JP-02137425-\$.did. JP-02109025-\$.did. JP-02093524-\$.did. JP-02085830-\$.did. JP-02076329-\$.did. JP-02050589-\$.did. JP-02039740-\$.did. JP-02039131-\$.did. JP-02036629-\$.did. JP-02027831-\$.did. JP-02026091-\$.did. JP-02009240-\$.did. JP-03503705-\$.did. JP-01241930-\$.did. JP-01220533-\$.did. JP-01113435-\$.did. JP-01181342-\$.did. JP-01181341-\$.did. JP-01164135-\$.did. JP-01152819-\$.did. JP-01129630-\$.did. JP-01117533-\$.did. JP-01112830-\$.did. JP-01060033-\$.did. JP-01051733-\$.did. JP-01037132-\$.did. JP-01018284-\$.did. JP-01005127-\$.did. JP-63281534-\$.did. JP-63261938-\$.did. JP-63257241-\$.did.	DERWENT	OR	OFF	2006/06/21 07:37
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## EAST Search History

S68	459	S64 S65 S66 S67	DERWENT	OR	OFF	2006/06/21 07:38
S71	358	OSHIMA-SHIGERU.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:45
S70	1	JP-05048534-\$.did.	JPO	OR	OFF	2006/06/21 07:45
S69	120	(phase or angle) and S68	DERWENT	OR	OFF	2006/06/21 07:45
S73	68	(phase or angle) and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:46
S76	40313	dwdm or wdm or (wavelength adj2 multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:53
S75	19	phase and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:53
S78	11682	(phase or pm) with (intensity or amplitude or am) with conver\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:54
S41	593	pm with am with conver\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 07:54
S79	267	S76 and S77 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:15
S80	2	"6058147".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:17
S82	4171	S76 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:18
S83	3578646	(channel\$1 or frequency or frequencies or wavelength\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:19
S86	27641	S83 same S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:20

## EAST Search History

S89	119	S82 and S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:21
S88	1556	S85 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:21
S87	54165	S83 with S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:21
S94	194	S92 S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:23
S93	75	S92 not S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:23
S92	161	S82 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:23
S91	10651	S90 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:23
S95	4297339	spac4\$ or separat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:29
S84	1011198	spac4\$ or apart	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:29
S96	275275	S83 with S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:30
S98	2700	S96 same S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:39
S97	3943507	S85 or S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:39



## EAST Search History

S99	212	S82 and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:46
S10 0	731	ghz near2 nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:47
S10 3	327	"100 ghz" near2 nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 08:51
S10 4	24344	psk or (phase adj2 key\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:48
S77	106999	(phase adj modulat\$4) or pm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:48
S10 6	26	S91 and S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:49
S10 5	521	S76 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:49
S90	3902504	gbit\$1 or gb\$1 or mbit\$1 or mb\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:58
S10 7	3947755	gbit\$1 or gb\$2 or mbit\$1 or mb\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:59
S11 0	47	S105 and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:00
S10 8	3984285	S85 S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:00
S11 2	2	"6323993".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:27

## EAST Search History

S11 1	43	S110 not S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:27
S11 4	127813	(data or bit or symbol) adj rate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:32
S11 3	757	S76 and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:32
S10 9	3220	S96 same S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:32
S85	60344	(bit or symbol) adj rate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:32
S11 9	65	S117 and S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:33
S11 8	126228	S104 or S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:33
S11 7	205	S116 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:33
S11 6	1395	S96 with S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:33
S11 5	160366	(transmission or data or bit or symbol) adj rate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:33

## EAST Search History

S12 0	43	(US-20030128917-\$ or US-20020163650-\$ or US-20040184723-\$ or US-20010051017-\$ or US-20020001114-\$ or US-20050058459-\$ or US-20050136877-\$ or US-20020021861-\$ or US-20050207760-\$ or US-20020036814-\$ or US-20030053507-\$ or US-20030058504-\$).did. or (US-6271959-\$ or US-5483368-\$ or US-5295013-\$ or US-6289056-\$ or US-6266173-\$ or US-4761833-\$ or US-6496615-\$ or US-6088144-\$ or US-5469288-\$ or US-5371625-\$ or US-6081361-\$ or US-5305134-\$ or US-6941078-\$ or US-3503012-\$ or US-6804434-\$ or US-5027435-\$ or US-6549311-\$ or US-5793908-\$ or US-4561119-\$ or US-6331991-\$ or US-6473214-\$ or US-5546210-\$ or US-5706371-\$ or US-5892781-\$ or US-5063559-\$ or US-6323993-\$).did. or (US-6529303-\$).did. or (EP-297504-\$ or EP-493816-\$ or JP-05048534-\$ or EP-444348-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/21 10:37
S12 1	30	S107 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:44
S12 2	273843	mhz or ghz	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:45
S12 4	13	S118 and S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:46
S12 3	24	S122 and S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 10:46
S12 5	2	("20020036814").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 18:41

## EAST Search History

S1	38	hoshida-takeshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 18:41
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